

FIG. 1

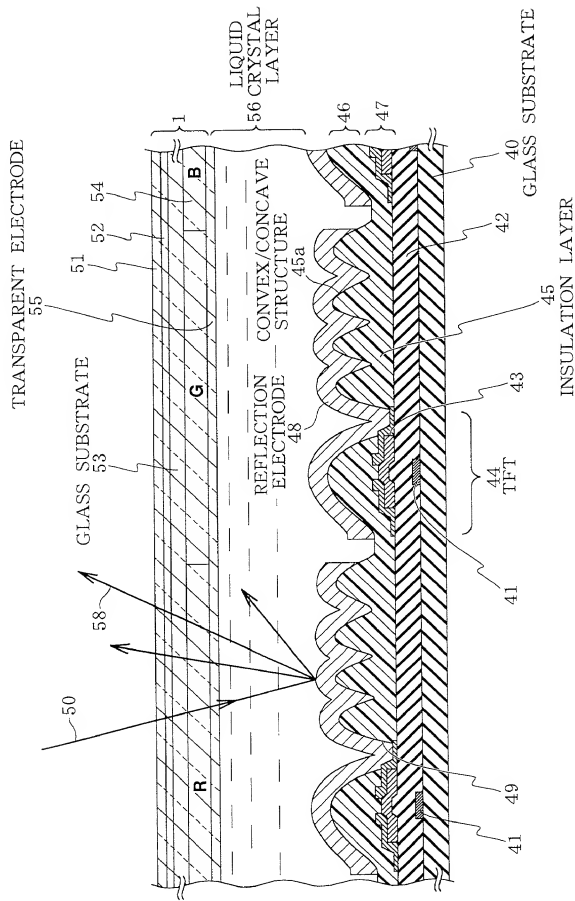


FIG. 2(a)

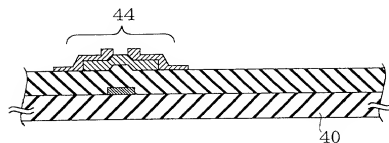


FIG. 2(b), (c)

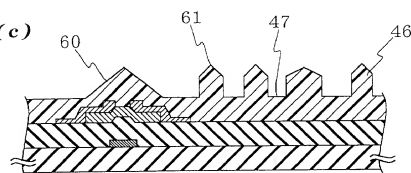


FIG. 2(d)

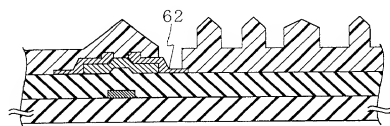


FIG. 2(e)

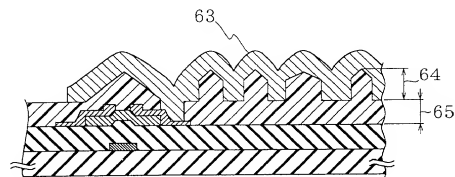


FIG. 3(a)

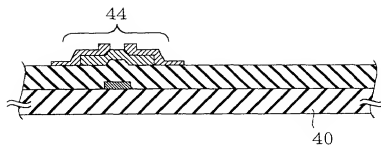


FIG. 3(b)

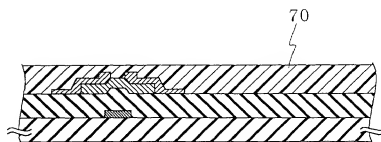


FIG. 3(c)

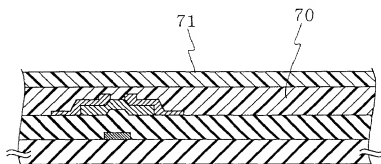


FIG. 4(d)

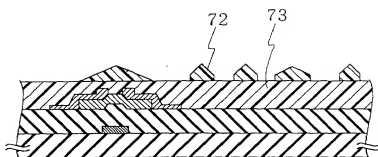


FIG. 4(e)

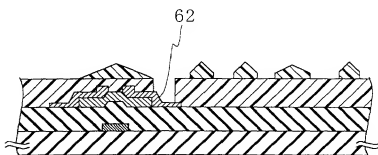
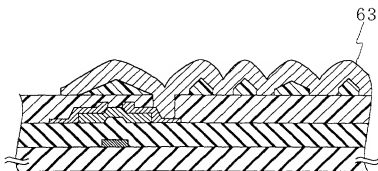


FIG. 4(f)



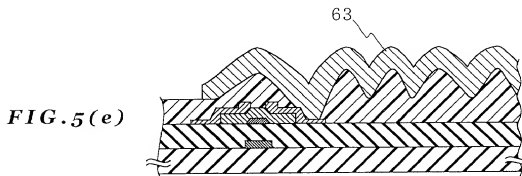
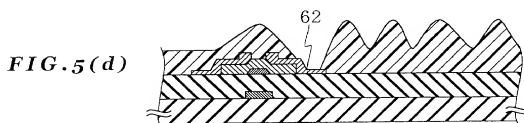
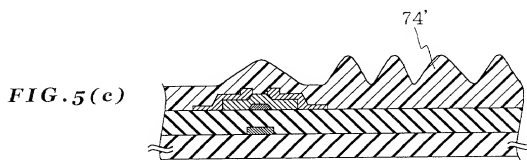
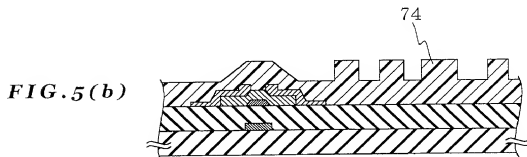
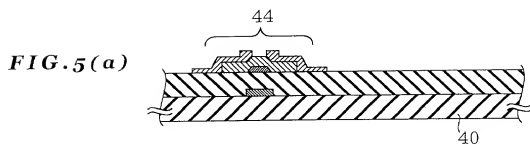
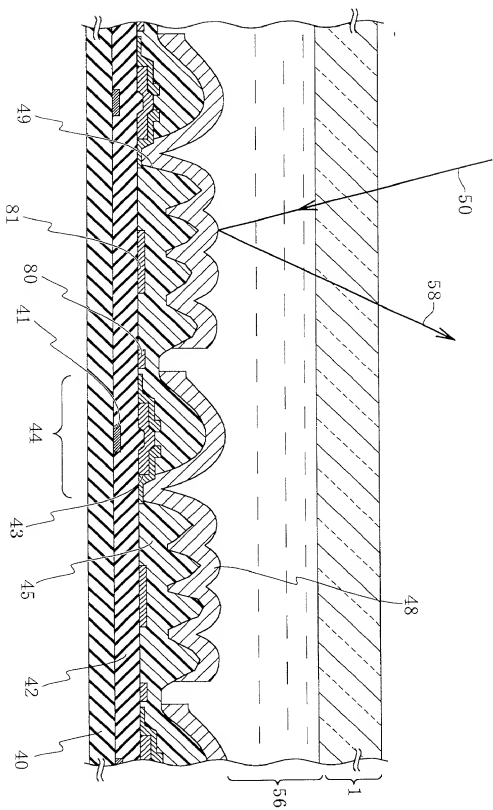
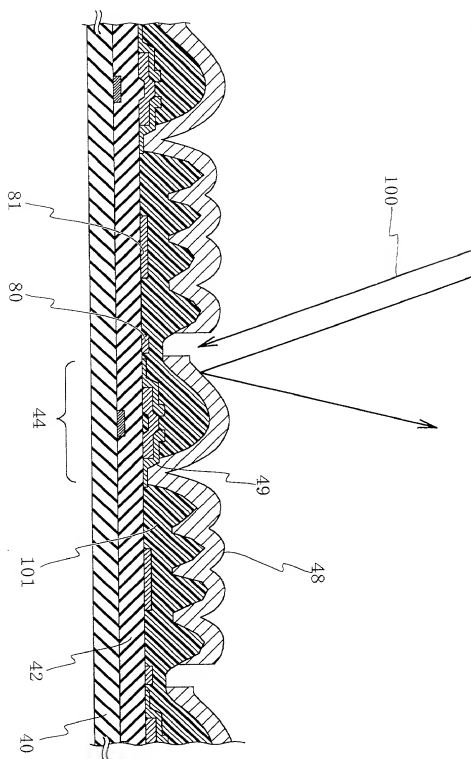


FIG. 6



410756674 - 00000000

FIG. 7



09756874 011001

FIG. 8(a)

FIG. 8(a)

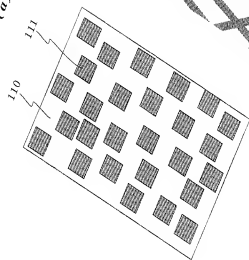
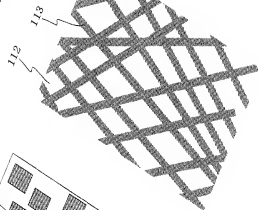


FIG. 8(b)



United States Patent and
Trademark Office
Patent No. 10,000,000
Filed 10/10/2018
Class 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

FIG. 9(a)

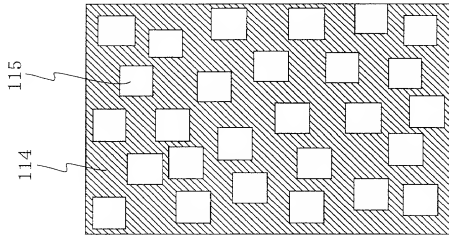


FIG. 9(b)

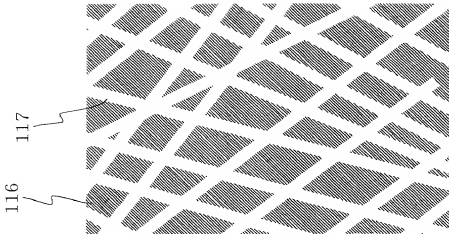


FIG. 10(a)

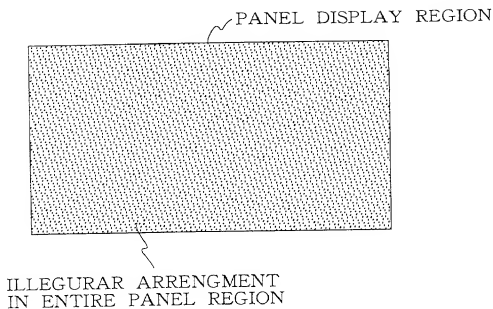


FIG. 10(b)

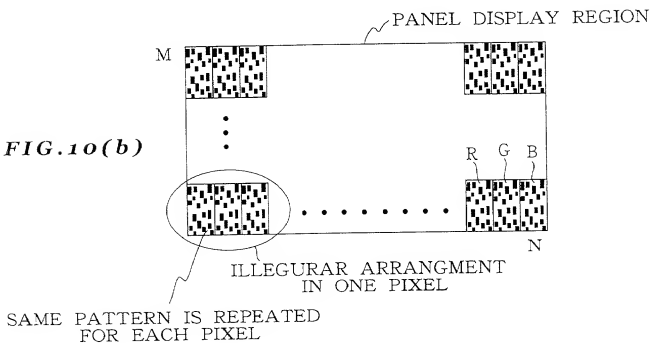


FIG. 10(c)

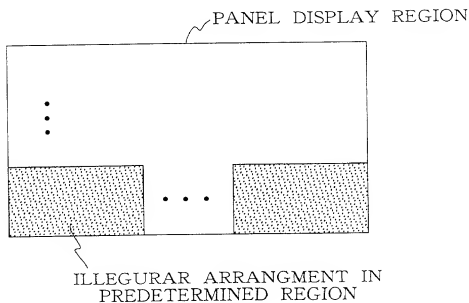


FIG. 11(a1)

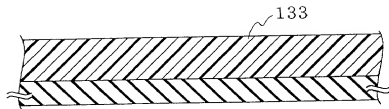


FIG. 11(b1)

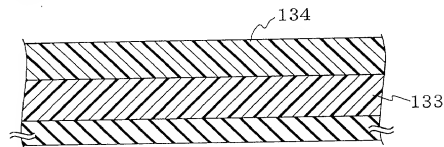


FIG. 11(c1)

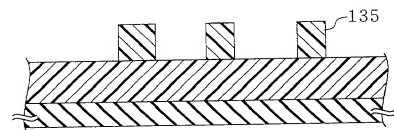


FIG. 11(d1)

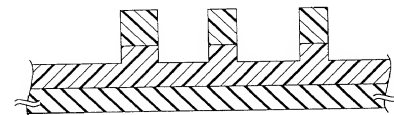


FIG. 11(e1)

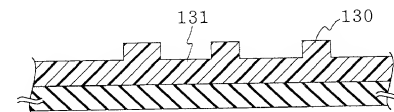


FIG. 11(f1)

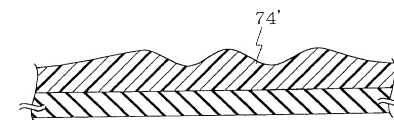


FIG. 12(a2)

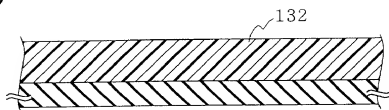


FIG. 12(b2)

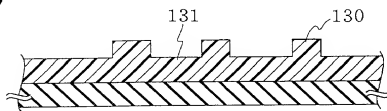


FIG. 12(c2)

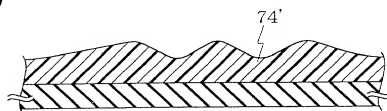


FIG. 13(a)
 REFLECTIVE LIQUID CRYSTAL
 DISPLAY APPARATUS

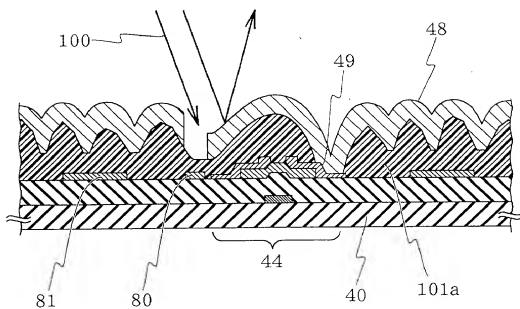


FIG. 13(b)
 SEMI-TRANSPARENT LIQUID CRYSTAL
 DISPLAY APPARATUS

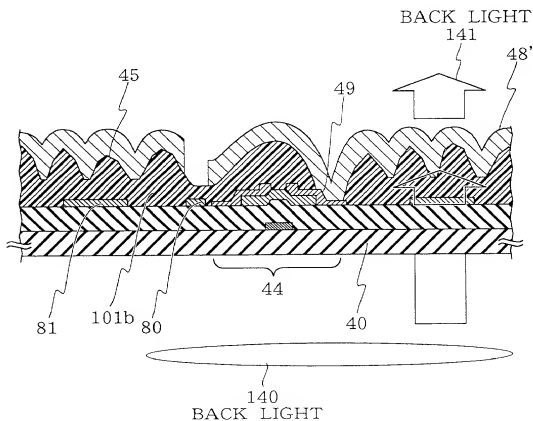


FIG. 14(a), (b)

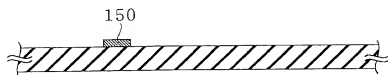


FIG. 14(c), (d)

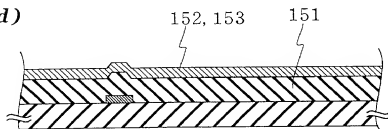


FIG. 14(e)

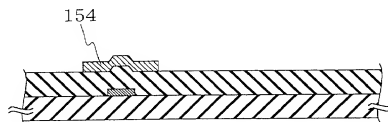


FIG. 14(f)

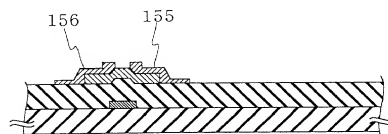


FIG. 14(g)

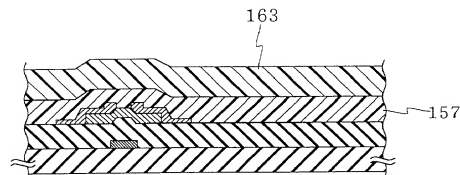


FIG. 15(h), (i)

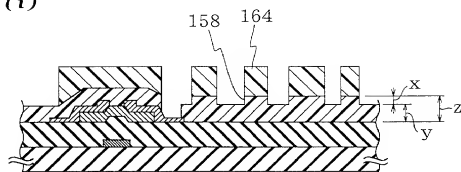


FIG. 15(j)

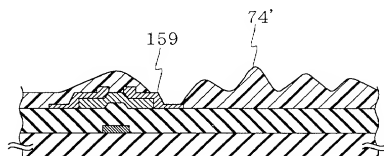


FIG. 15(k)

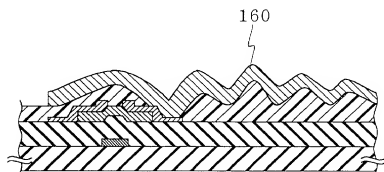


FIG. 16(1)

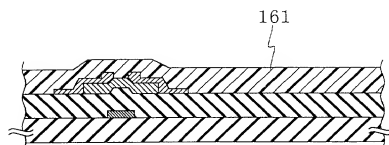


FIG. 16(2)

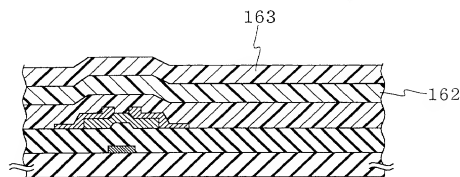


FIG. 16(3)

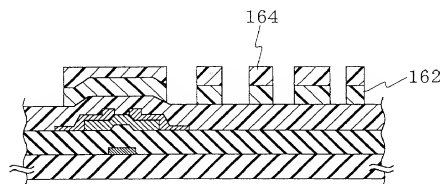


FIG.17(4)

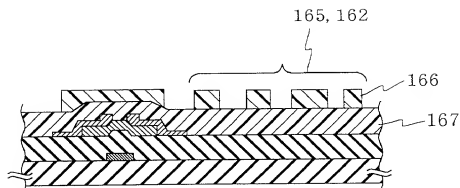


FIG.17(5)

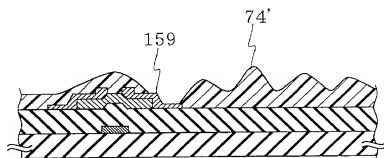


FIG.17(6)

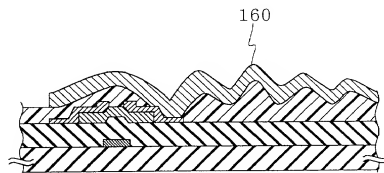


FIG. 18(a), (b)



FIG. 18(c), (d)

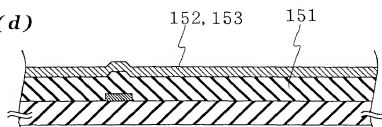


FIG. 18(e)

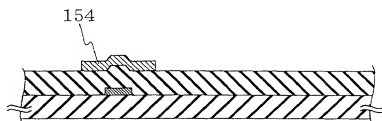


FIG. 18(f)

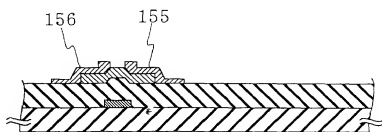


FIG. 18(g)

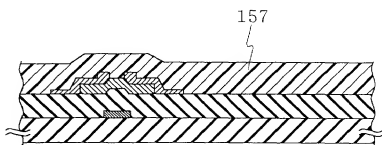


FIG. 19(h), (i)

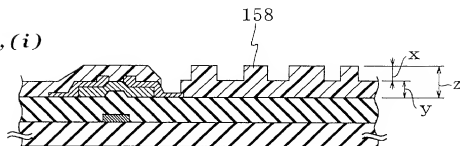


FIG. 19(j)

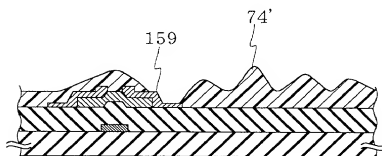


FIG. 19(k)

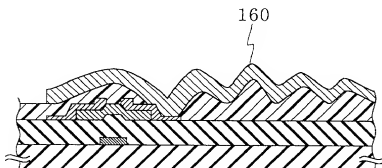


FIG. 20(a), (b), (c), (d), (e), (f)

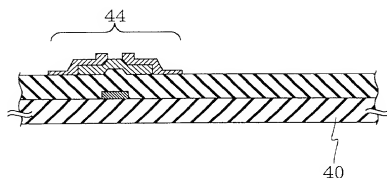


FIG. 20(g)

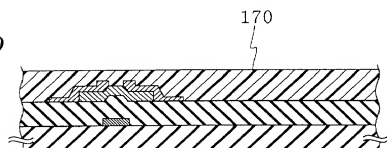


FIG. 20(f)

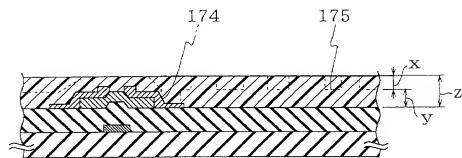


FIG. 21(i)

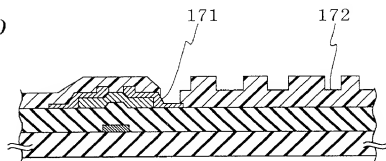


FIG. 21(j)

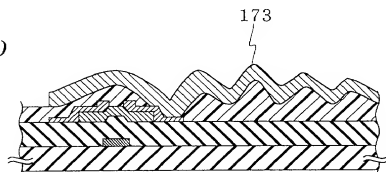


FIG. 22(a),(b)

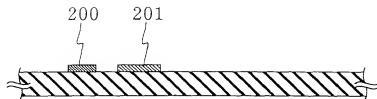


FIG. 22(c),(d)

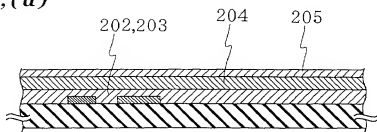


FIG. 22(e)

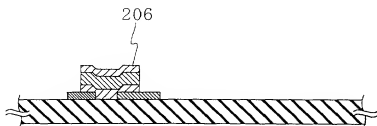


FIG. 22(f)

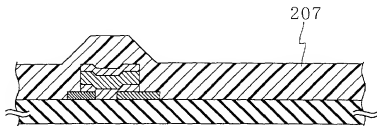


FIG. 23(g)

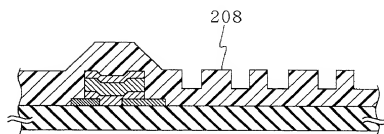


FIG. 23(h)

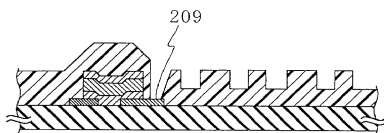


FIG. 23(i),(j)

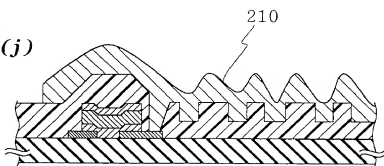


FIG. 24

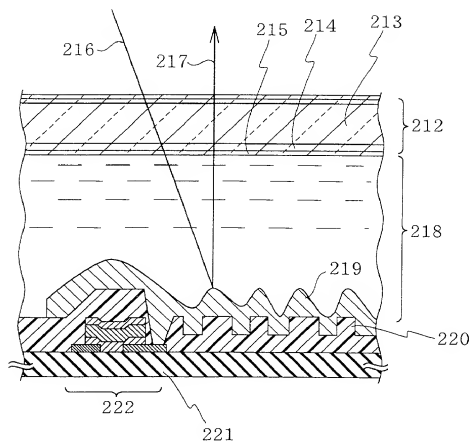


FIG. 25(a),(b)



FIG. 25(c)

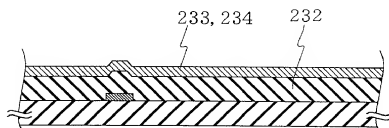


FIG. 25(d)

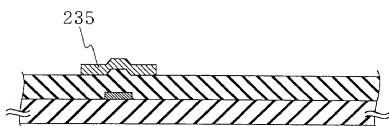


FIG. 25(e),(f)

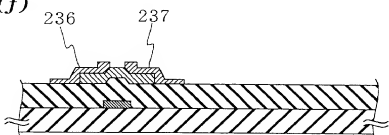


FIG. 25(g)

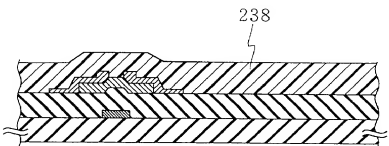


FIG. 26(h)

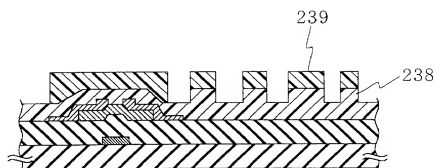


FIG. 26(i)

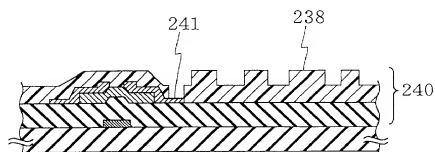


FIG. 26(j), (k), (l)

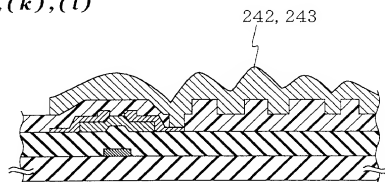


FIG. 27

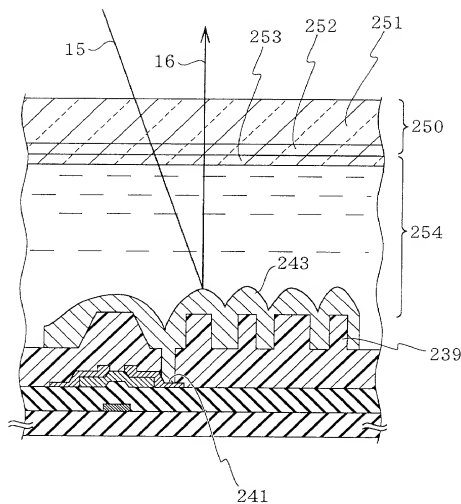


FIG. 28(a), (b)

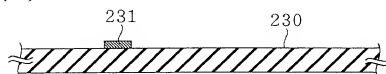


FIG. 28(c)

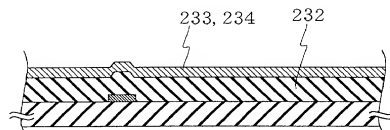


FIG. 28(d)

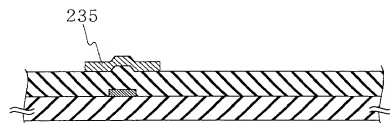


FIG. 28(e), (f)

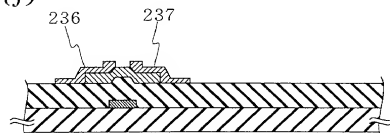


FIG. 28(g)

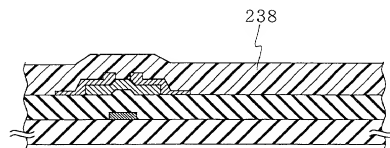


FIG. 29(h)

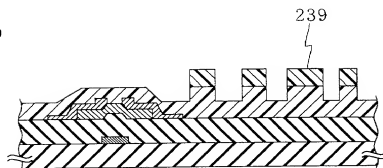


FIG. 29(i)

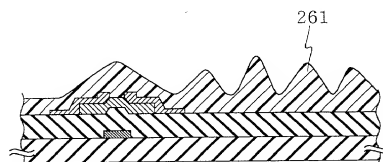


FIG. 29(j)

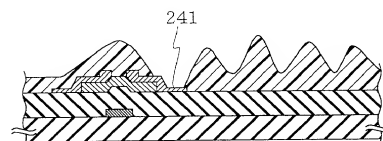


FIG. 29(k), (l)

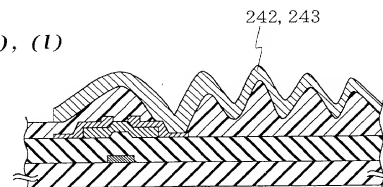


FIG. 30(a), (b)



FIG. 30(c)

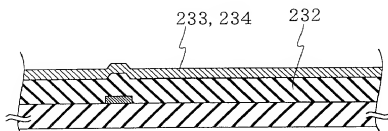


FIG. 30(d)

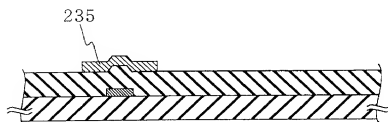


FIG. 30(e), (f)

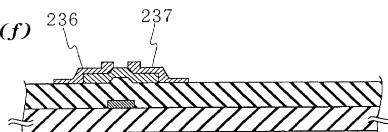


FIG. 30(g)

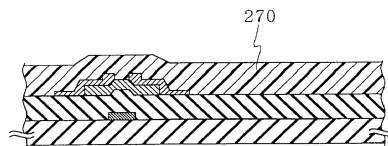


FIG. 30(a), (b)

FIG. 31(h)

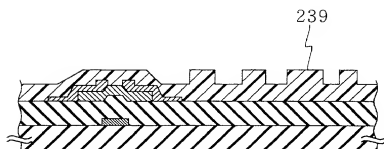


FIG. 31(i)

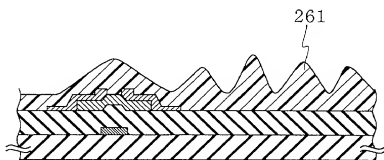


FIG. 31(j)

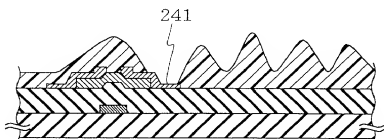


FIG. 31(k), (l)

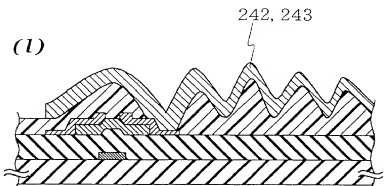


FIG. 32(a), (b)

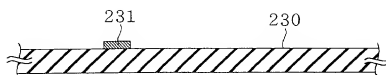


FIG. 32(c)

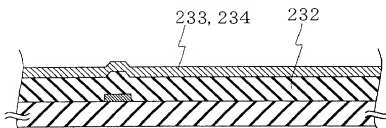


FIG. 32(d)

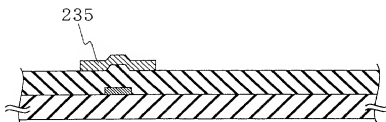


FIG. 32(e), (f)

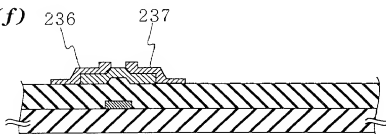


FIG. 32(g)

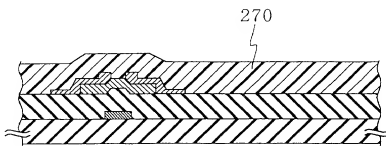


FIG. 33(h)

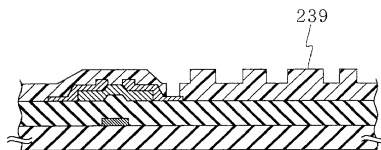


FIG. 33(i)

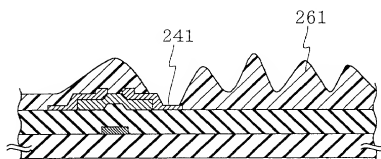
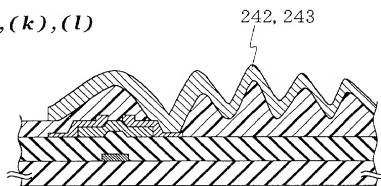


FIG. 33(j), (k), (l)



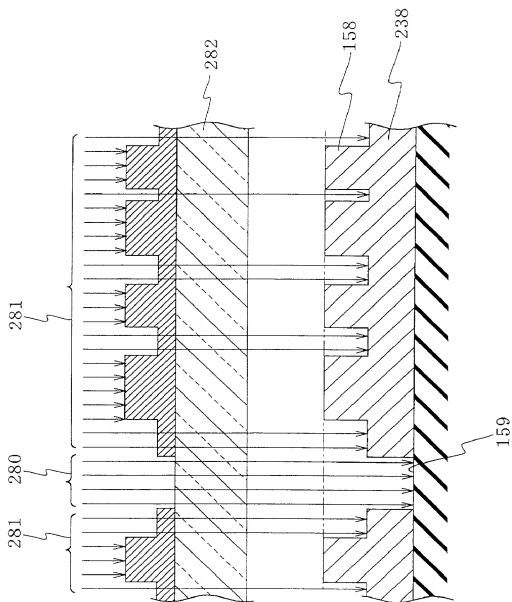


FIG. 34

FIG. 35

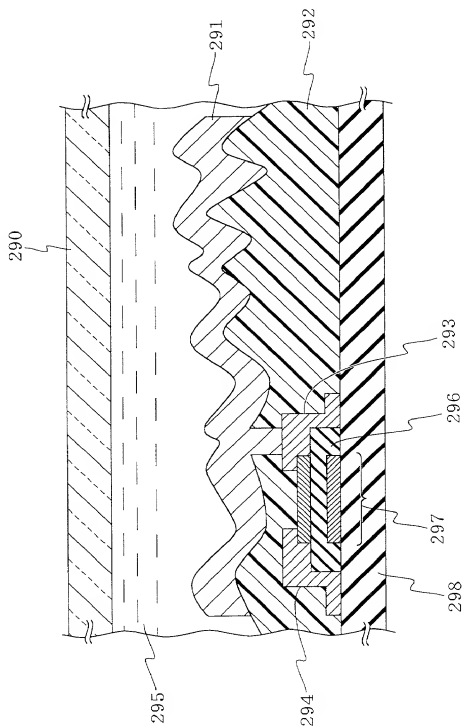


FIG. 36

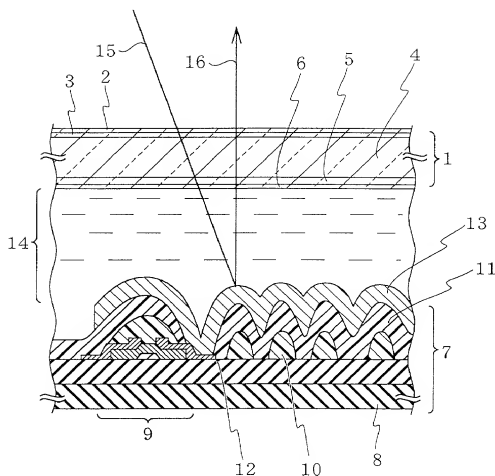


FIG. 37(a)
 FORMING GATE
 ELECTRODE (1PR)



FIG. 37(b)
 FORMING INSULATION FILM
 AND SEMICONDUCTOR FILM

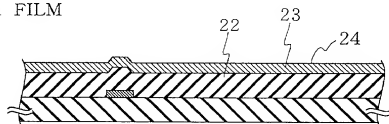


FIG. 37(c)
 FORMING SEMICONDUCTOR
 PATTERN FILM
 (3PR)

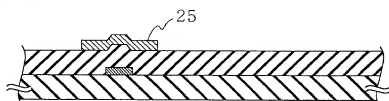


FIG. 37(d)
 FORMING SOURCE
 ELECTRODE AND
 DRAIN ELECTRODE
 (3PR)

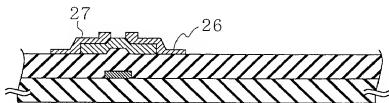


FIG. 37(e)
 FORMING ORGANIC
 INSULATION FILM

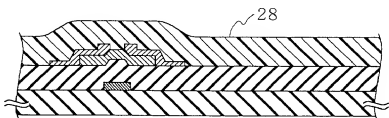


FIG. 37(f)
 FORMING CONVEX/
 CONCAV STRUCTURE
 (4PR)

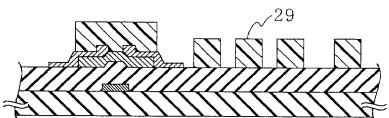


FIG. 38(g)
 MELTING CONVEX/
 CONCAVE STRUCTURE

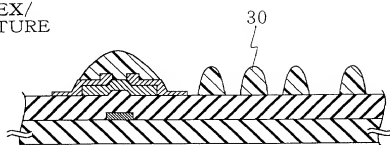


FIG. 38(h)
 FORMING INSULATION
 LAYER

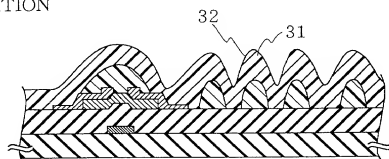


FIG. 38(i)
 FORMING CONTACT REGION
 (5PR)

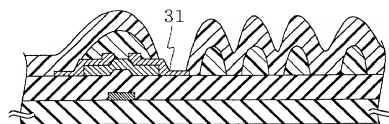


FIG. 38(j)
 FORMING REFLECTION
 PIXEL ELECTRODE
 (6PR)

